

Work Order ID 71187

Thursday, June 23, 2011 11:17:19 AM



Page 1

Item ID:	D4026-1	Accept		Setup	Start	
Revision ID:					Stop	
Item Name:	Fuel Gauge					
Start Date:	6/23/2011	Start Qty:	3.00		Cust Item ID:	
Required Date:	6/30/2011	Req'd Qty:	3.00		Customer:	
Reference:						

Approvals:	Process Plan:	<u>CL</u>	Date:	<u>11/06/23</u>	Tooling:		Date:		Run	Start	
	QC:		Date:		SPC (Y/N):		Date:			Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4026	A								

100

0.00



Purchasing

Purchasing

Memo

Issue P/O: 14372
Purchase part as per Dwg D4026
Part #: FL-100-R
Possible Supplier: AIRCRAFT SPRUCE
Material release note required

0.00

*Found in Eng
lab already
closed*

CL 11/06/27 (3)

110

Receive & Inspect for Damage & Mat'l Certs

0.00



Packaging

Packaging

Memo

0.00

CL 11/06/27 (3)

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 71187

Thursday, June 23, 2011 11:17:19 AM



Page 2

Item ID: D4026-1

Accept



Setup Start



Revision ID:

Stop



Item Name: Fuel Gauge

Start Date: 6/23/2011 Start Qty: 3.00



Cust Item ID:

Required Date: 6/30/2011 Req'd Qty: 3.00



Customer:

Reference:

Run Start



Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Stop



QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120

QC6- Inspect dimensions to drawing

0.00



QC

Memo

0.00

Quality Control

130

Identify as per dwg & Stock Location: _____

0.00



Packaging

Memo

0.00

Packaging

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 1

Thursday, June 23, 2011 11:17:16 AM

Work Order ID: 71187



Parent Item: D4026-1

Parent Item Name: Fuel Gauge



Start Date: 6/23/2011

Required Date: 6/30/2011

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP Rev:A 10.05.17 as per ECN10-562 DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
FL-100-R  Fuel Gauge		Purchased	No			110	Each	0.0000	1 	3		<i>Pickup BJ</i>	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

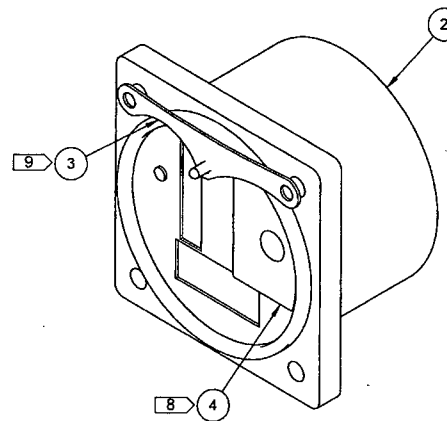
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

ITEM NO.	QTY. -041	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X	D4026-041	FUEL GAUGE ASSEMBLY	FL-100-R-JCA (REF)
2	1	D4026-1	FUEL GAUGE	
3	1	D4014-1	SWITCH PLATE	
4	1	D4014-3	GAUGE COVER	
5	A/R		DOUBLE SIDED TAPE	



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 71187
C21106123

RELEASED
2010-05-05
MD

D4026-041 FUEL GAUGE ASSEMBLY

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4026-041" AND B/N USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: 0.24 lbs
 - 8) ATTACH D4014-3 GAUGE COVER USING DOUBLE SIDED TAPE
 - 9) D4014-1 SWITCH COVER INCLUDED WITH ASSEMBLY, INSTALLED DURING GAUGE INSTALLATION IN AIRCRAFT

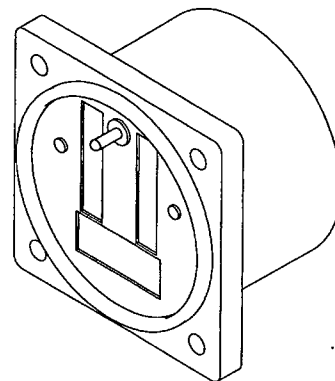
A	NEW ISSUE	BY	10.02.05
REV.	DESCRIPTION		
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.02.05		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D4026	REV. A SHEET 1 OF 2
TITLE FUEL GAUGE	SCALE NTS
COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

DART AEROSPACE
PART NUMBER
D4026-1

JOHN CAMERON AVIATION
PART NUMBER
FL-100-R-JCA

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	MANUFACTURER	MANUFACTURER PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	OPERATING TEMPERATURE	POWER CONSUMPTION	SENSORS SUPPORTED	OPERATING VOLTAGE
D4026-1	AEROSPACE LOGIC INC.	FL-100-R	AIRCRAFT SPRUCE AND SPECIALTY	10-00304	-15°C TO +55°C 5°F TO 131°F	450 mA MAX (DAY OPERATION) 60mA MIN (NIGHT OPERATION)	RESISTIVE SENSORS OF ALL TYPES R _{MAX} = 300 OHMS R _{MIN} = 0 OHMS	6 - 32 VDC

D4026-1 FUEL GAUGE

RELEASED
2010-05-05
MP

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

DESIGN		DART AEROSPACE LTD
DRAWN		HAWKESBURY, ONTARIO, CANADA
CHECKED		DRAWING NO.
MFG. APPR.		D4026
APPROVED		TITLE
DE APPR.		FUEL GAUGE
DATE	10.02.05	SCALE
		NTS

COPYRIGHT © 2010 BY DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO14372**

Purchase Order Date 6/27/2011

PO Print Date 6/27/2011

Page Number 1 of 1

Order From : VU-ROY001

VISA
PAYMENT CENTRE, PO BOX 4016, STAT. A
TORONTO,

Contact Name	Buyer	Chantal Lavoie
Vendor Phone	Requisition Nbr	
Vendor Fax	Tax Resale Nbr	10127-2607
Vendor Account Nbr	Terms	Net 30
	Currency	USD
	FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
CL 11/06/12

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	FL-100-R	Fuel Gauge	7/4/2011 Yes	3.00 Each	FedEx PI collect	\$498.9500	\$1,496.85

Special Inst: AS PER DWG D4026 REV. A
B71187

PO Total: **\$1,496.85**

CERTIFICATE OF CONFORMITY
REQD UPON DELIVERY

PO Instructions: AIRCRAFT SPRUCE
VISA ACCT: 4514 0310 0909 0347 EXP DATE: 11/13 CID: 130

Change Nbr: 1

Change Date: 6/27/2011

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

AIRCRAFT SPRUCE & SPECIALTY CO.

P.O. BOX 4000 • 225 AIRPORT CIRCLE, CORONA, CA 92878-4000
 AIRCRAFT SPRUCE WEST: CORONA, CA • AIRCRAFT SPRUCE EAST: PEACHTREE CITY, GA
 ADMINISTRATION (951) 372-9555 • FAX (951) 372-0555
 CALL TOLL FREE (877) 4-SPRUCE (877) 477-7823

333088

DART AEROSPACE, LTD
 1270 ABERDEEN
 HAWKESBURY, ON K6A1K7
 CANADA

DATE: 06/27/11

PLEASE RETURN THIS PORTION
 WITH YOUR REMITTANCE

P.O. BOX 4000 • CORONA, CA 92878-4000

PAGE: 1 798463

CUST: 333088

AWB: 472941076021

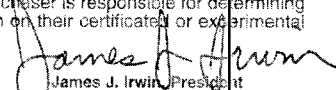
DART AEROSPACE, LTD

1270 ABERDEEN

HAWKESBURY, ON K6A1K7

NOTE: ANY SHORTAGES MUST BE REPORTED WITHIN 10 DAYS.

BACKORDERED PRODUCTS WILL SHIP AS SOON AS AVAILABLE.

ORDER NO.	INVOICE NO.	CUSTOMER P.O. NO.	SHIP VIA	TERMS	DATE SHIPPED	
498926	798463	PO14372	FEDEX CANADA P	CREDIT CARD	06/27/11	
QUANTITY SHIPPED	BACK ORDERED	DESCRIPTION		DISC.	UNIT PRICE	EXTENSION
3.00		THANK YOU FOR YOUR ORDER. PLEASE CALL ME DIRECTLY AT EXT 225 THE NEXT TIME YOU WISH TO PLACE AN ORDER WITH AIRCRAFT SPRUCE. MARY GARCIA 877-477-7823 10-00304 AEROSPACE FUEL LEVEL FL-100-R CERTIFICATE OF CONFORMANCE THE PRODUCTS ON THIS ORDER HAVE BEEN OBTAINED FROM THE MANUFACTURERS OR AUTHORIZED DISTRIBUTORS AND TO THE BEST OF OUR KNOWLEDGE HAVE BEEN PRODUCED IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS AND STANDARDS.			498.950	1496.85
<p style="text-align: center;">CERTIFICATE OF CONFORMANCE The products on this invoice have been obtained through authorized manufacturers or distributors and to the best of our knowledge fully meet all applicable specifications. There may be products on this invoice which are not approved for use on FAA type certificated aircraft. Purchaser is responsible for determining suitability of any part purchased from Aircraft Spruce for installation on their certificated or experimental aircraft.</p> <p style="text-align: right;"> James J. Irwin, President</p>						
SUBTOTAL		TAX	MISC. CHARGE	FREIGHT	PAID WITH ORDER	BALANCE DUE
1,496.85			0.00	0.00	-1,496.85	USD 0.00

WAIVER OF LIABILITY AND INDEMNIFICATION AGREEMENT-Inasmuch as Aircraft Spruce & Specialty Company has no opportunity to supervise the installation, or maintenance of parts supplied by it, nor any opportunity to participate in the design or manufacture of the products it sells or of the various homebuilt and certificated aircraft in which its parts are utilized, the purchaser, by placing this order with Aircraft Spruce & Specialty Company and accepting the parts, agrees that all materials purchased will be used solely at purchaser's risk and that the purchaser will indemnify and hold Aircraft Spruce & Specialty Company, its owners and employees, free and harmless from all loss, liability, and damage resulting from claims brought by reason of any alleged failure or defect of any parts or parts supplied by Aircraft Spruce & Specialty Company. If this agreement is unacceptable to purchaser, the purchaser will immediately return in new condition all products listed on this invoice to Aircraft Spruce for refund of purchase price.

DATE: 06/27/11

When returning merchandise:

- Please call Customer Service for an RMA number.
- Write the RMA number on each package.
- Fill in the information below and enclose this form with the package.

• Insure and ship to: Aircraft Spruce West
225 Airport Circle
Corona, CA 92880
Attn: Customer Return

RETURN POLICY

Merchandise may be returned for credit or refund within 30 days from date of purchase if received in resaleable condition - packed in original manufacturer's box, complete with instructions and all components (if applicable). A copy of the original order showing purchase or information stating the invoice number and date of purchase, with reason for return must accompany the article. Do not mail purchase information in letter form under separate cover. A 15% restocking charge may be applicable to all merchandise returned to cover costs involved in processing the return. Do not return any products C.O.D. as it cannot be accepted by our warehouse. *All returns must be made to Aircraft Spruce West in Corona, CA.* Call first for return authorization and instructions.

PRODUCT WARRANTY

In cooperation with the manufacturers we represent, Aircraft Spruce & Specialty Co. warrants for a period of one year (on most products) from the date of original purchase its products to be free from defects in material and workmanship. Aircraft Spruce & Specialty Co.'s obligation under this warranty is limited to repair or replacement of the purchased product only, and under no circumstances shall Aircraft Spruce & Specialty Co. be liable for any loss, damage, injury, cost of repair or consequential damages of any kind in connection with the sale, use or repair of any product purchased from Aircraft Spruce & Specialty Co.

RETURNED MERCHANDISE

Item Number	Description	Price

If you have any questions about your order call Toll Free (877) 4-SPRUCE (877-477-7823)

PLEASE SEND

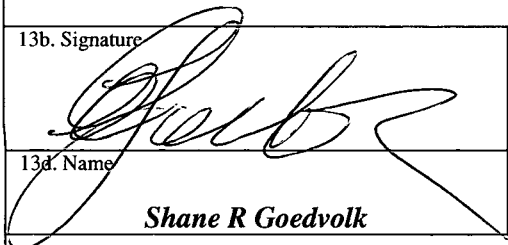
Item Number	Description	Price

Reason for Return - Please check appropriate box:

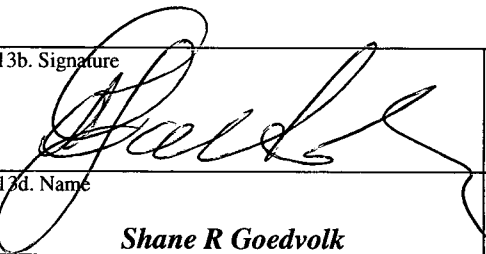
- ☐ Wrong item Ordered ☐ Quality Unsatisfactory ☐ Arrived Late ☐ Other
☐ Defective ☐ Not As Described ☐ Wrong Item Sent ☐ Core Credit

NOTE: CREDIT CANNOT BE ISSUED WITHOUT DETAILS COMPLETED BELOW.

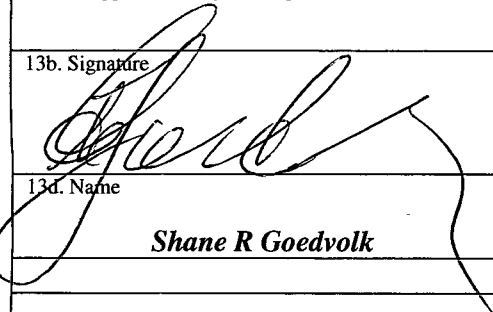
DETAILS: _____

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE		3. Form Tracking No. 4940	
4. Organization Name and Address Aerospace Logic Inc. 180 James Street South, Suite 205, Hamilton, Ontario, L8P 4V1, CANADA				5. Work Order/Contract/Invoice 2732	
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial/Batch No.	11. Status/work
1	Dual Fuel Level Indicator for Resistive Senders (0 - 300Ω)	FL-100-R	1	ASL004940	NEW
12: Remarks TSO C55, Canadian STC # SA03-56, FAA STC # ST01700NY					
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non-approved design data specified in block 12			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13b. Signature 	13c. Approved Organization Number 52-03	14b. Signature N/A	14c. Approved Organization Number N/A		
13d. Name Shane R Goedvolk	13e. Date (dd/mm/yyyy) 25 April 2011	14d. Name N/A	14e. Date (dd/mm/yyyy) N/A		
Installer Responsibilities					
<p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

(Previously form 24-0078)

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE		3. Form Tracking No. 4938	
4. Organization Name and Address Aerospace Logic Inc. 180 James Street South, Suite 205, Hamilton, Ontario, L8P 4V1, CANADA				5. Work Order/Contract/Invoice 2732	
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial/Batch No.	11. Status/work
1	Dual Fuel Level Indicator for Resistive Senders (0 - 300Ω)	FL-100-R	1	ASL004938	NEW
12: Remarks TSO C55, Canadian STC # SA03-56, FAA STC # ST01700NY					
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non-approved design data specified in block 12			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13b. Signature 	13c. Approved Organization Number 52-03	14b. Signature N/A	14c. Approved Organization Number N/A		
13d. Name Shane R Goedvolk	13e. Date (dd/mm/yyyy) 25 April 2011	14d. Name N/A	14e. Date (dd/mm/yyyy) N/A		
Installer Responsibilities					
<p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

(Previously form 24-0078)

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE		3. Form Tracking No. 4939	
4. Organization Name and Address Aerospace Logic Inc. 180 James Street South, Suite 205, Hamilton, Ontario, L8P 4V1, CANADA				5. Work Order/Contract/Invoice 2732	
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial/Batch No.	11. Status/work
1	Dual Fuel Level Indicator for Resistive Senders (0 - 300Ω)	FL-100-R	1	ASL004939	NEW
12: Remarks TSO C55, Canadian STC # SA03-56, FAA STC # ST01700NY					
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non-approved design data specified in block 12			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13b. Signature 		13c. Approved Organization Number 52-03		14b. Signature N/A	
13d. Name Shane R Goedvolk		13e. Date (dd/mm/yyyy) 25 April 2011		14c. Approved Organization Number N/A	
		14d. Name N/A		14e. Date (dd/mm/yyyy) N/A	
Installer Responsibilities					
<p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

(Previously form 24-0078)